FEB 2 7 2007

DECK RATION AND POWER OF A TORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted with Initial Filing

OR

Declaration
Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	21500	
First Named Inventor	Bryan, et al.	
С	OMPLETE IF KNOWN	
Application Number	10/573,330	
Filing Date	March 24, 2006	
Group Art Unit	1648	
Examiner Name	Salimi	

As a below named inventor	, I hereby declare t	hat:									
My residence, mailing address, and citizenship are as stated below next to my name.											
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:											
OPTIMIZED EXPRESSION OF HPV 45 L1 IN YEAST											
(Title of the Invention)											
the specification of which (Title of the Invention)											
bears the Attorney Docket Number and Title of the Invention noted above											
OR											
is attached hereto											
OR was filed on (MM/DD/	YYYY)		as United States Applica	tion Number or PCT Internation	onal .						
Application Number	an	d was am	ended on (MM/DD/YYYY)	(if ar	plicable).						
			-	pecification, including the cla	. ,						
amended by any amendment	specifically referred	to above.									
I acknowledge the duty to di	sclose to the Patent a	and Trade	mark Office all information k	nown to me to be material to	patentability						
as defined in 37 CFR 1.56, in	ncluding for continu	ation-in-p	art applications, material info	ormation which became availa	ble between						
		·		of the continuation-in-part app							
				y foreign application(s) for pane country other than the Unite							
				application for patent or invent							
or of any PCT international a	pplication having a f	iling date	before that of the application	on which priority is claimed.							
Prior Foreign Application	C1		Foreign Filing Date	Add a see De de A Nove bou	Priority Claimed?						
Number(s)	Country	-	(MM/DD/YYYY)	Attorney Docket Number	YES NO						
					<u> </u>						
Additional foreign applica	ation numbers are listed	d on a supp	lemental priority data sheet PTO	/SB/02B attached hereto.							
I hereby claim the benefit under	35 U.S.C. 119(e) of an	ny United S	States provisional application(s)	isted below.							
Application Num	show(a)		Filing Date	Attamay Deckat	N/						
Application Num	iber(s)	00/20/2	(MM/DD/YYYY)	Attorney Docket	Number						
60/506,812		09/29/20	JU3	21500PV							
•											
1											

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claidesignating is not disclost 35 U.S.C. 13 37 CFR 1.56 date of this a	the Unite sed in the 12, I ackr 5 which	ed States of e prior Unit nowledge th became ava	America, ed States e duty to	listed or PC disclo	below Finterr se info	and, ins national rmation	ofar as applic know	s the station n to n	subjectin the ne to t	et matte e manne be mate	r o er p erial	f each of provided I to pater	the cl by the ntabili	aims o first p ty as d	f this a paragra efined	applicat ph of in	tion
		t Application Application Nu		rent				Parent Filing Date (MM/DD/YYYY)					Parent Patent Number (if applicable)				
		ppnenuon (va						(11111)	<i>DD</i> , 1 1	11)				19	пррисы	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	<u> </u>																
		-														•	
Addition	nal U.S. o	r PCT interna	itional app	lication	numbe	rs are lis	ted on	a supp	lemen	ital prio	rity	data shee	t PTO/	SB/02E	3 attach	ed heret	to.
As a named in following reg connected the	istered pra	actitioner(s) t		e this a	pplication	on and to	transa	ct all l	busine	ss in the	Ur						
	Name	e]	Registra	ation ber ·			-	N	√ап	ne				Registr Num	
Alysia A. Finno	egan			48,87			Jo	anne	M. G	iesser					32,83		bei
	·																
			· · · · ·				\dashv										
				-						_							
Direct all co	rrespond	ence to: X	Custor	ner Nu	mber	000)21()							•		
Name	Alysia A	A. Finnegan															
Address	Merck &	& Co., Inc	Patent D	epartn	nent												
Address	P.O. Bo	x 2000, R	Y60-30														
City	Rahway						Sta	te	NJ			ZIP		07065	07065-0907		
Country	USA				Telep	hone	(732)5	2)594-2583 Fax						(732)594-4720			
I hereby dec belief are be the like so m may jeopard	lieved to nade are p	be true; and ounishable b	d further to by fine or	hat the	ese stat	ements	were r	nade der 18	with t	he kno	wle	dge that	willfu	l false	statem	nents an	nd
Name of Sole of	or First I	inventor:] A p	etitio	n has b	een	filed for	r this ı	ınsigne	ed inve	entor	
	iven Nar	me (first ar	ıd middl	e [if a	ny])						Fai	mily Na	me or	Surn	ame		
Janine T.	т -						B	ryan			_						
Inventor's Signature		Jan	ne 1	Bes	\)					r	Date	1	L Ja	h 2	007	
Residence: City	Furlo	ng /		8	tate	PA		Cou	ntry	US			Citiz	enshi _j	US		
Mailing Address		Merck Rese	arch Lab	oratori	es, Sur	nneytov	n Pik	e, P.C	D. Box	٤ 4					-		
City		West Point					St	ate	PA	ZI	P	19486		Cou	ntry	U.S.A	
X Additional	l inventors	s are being n	amed on t	nel	_supple	mental A	Additio	nal In	ventor	s(s) shee	et(s)) PTO/SB	/02A	or 02LF	attach	ed heret	io.

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition	nal Joint Inventor, if any: A petition has been filed for this unsigned inventor										entor			
Give	n Na	ame (first and middle [if	any])			Family Name or Surname								
Michelle K.				Brownlow										
Inventor's Signature		Michely K.	Bi	orn	lo	Date					16 Jan 2007			
Residence: City	Jam		State	PA		1	ıtry	JS		Citiz	Citizenship Us			
Mailing Address	-	Merck Research Laborate	ories, Su	, Sumneytown Pike, P.O. Box 4										
City		West Point		St	ate F	°A	ZI	P 194	86		Country	, U.	S.A.	
Name of Addition	al J	oint Inventor, if any:		A petition has been filed for this unsigned inventor										
Give	n Na	ame (first and middle [if	any])					F	amily N	ame o	r Surnan	ie		
Loren D.					الم	Schultz								
Inventor's Signature	1- 1. ///hm								Date		6 Ja	かり	2007	
Residence: City	Harleysville State PA						ıtry [JS		Citiz	enship	US		
Mailing Address	Merck Research Laboratories, Sumneytown Pike, P.O. Box 4													
City		West Point	State P				ZIP	1948	5		Countr	γU	.S.A.	
Name of Addition	al J	oint Inventor, if any:	A petition has been filed for this unsigned inventor											
Give	n Na	me (first and middle [if	fany]) Family Name or Surname											
Kathrin U.			Jansen											
Inventor's Signature									Date					
Residence: City	Doy	lestown	State	PA		Cour	try [JS		Citizenship DE				
Mailing Address		Merck Research Laborato	ries, Su	mneyto	wn Pi	ke, P.O	Box 4	4						
City		West Point			St	ate PA		ZIP	19486		Country	, U	.S.A.	
		oint Inventor, if any:				A 1	etitio	n has be	een filed	for this	unsigned	inve	ntor	
Give	n Na	me (first and middle [if	any])					F	amily N	ame o	r Surnam	e		
Inventor's Signature									Date					
Residence: City			State			Cour	try			Citiz	enship			
Mailing Address														
City	State ZIP Country													

FEB 2 7 2007

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
with Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	21500								
First Named Inventor	Bryan, et al.								
COMPLETE IF KNOWN									
Application Number	10/573,330								
Filing Date	March 24, 2006								
Group Art Unit	1648								
Examiner Name	Salimi								

As a below named inventor	, I hereby declare th	hat:										
My residence, mailing address, and citizenship are as stated below next to my name.												
I believe I am the original, fi names are listed below) of th												
OPTIMIZED EXPRESSION	OF HPV 45 L1 IN Y	EAST										
the specification of which		(Tit	tle of the Invention)									
bears the Attorney Docket Number and Title of the Invention noted above												
OR												
is attached hereto												
OR was filed on (MM/DD/	YYYY) ·		as United States Applicat	ion Number or PCT Into	ernational							
Application Number	and	d was amen	ded on (MM/DD/YYYY)		(if applicable).							
I hereby state that I have revi			nts of the above identified sp	pecification, including the	he claims, as							
amended by any amendment	specifically referred	to above.										
I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between												
the filing date of the prior ap												
71 1 1 1 6 1 1 1	1 6 1 26 1	ICC 1100) (I) (O 2(5(1)) C	4:								
I hereby claim foreign priority certificate(s), or 365(a) of any America, listed below and have or of any PCT international a	PCT international appearance of PCT international appearance o	pplication ow, by che	which designated at least on cking the box, any foreign a	e country other than the pplication for patent or	United States of inventor's certificate(s),							
certificate(s), or 365(a) of any	PCT international a ve also identified belo pplication having a fi	pplication ow, by che	which designated at least on cking the box, any foreign a	e country other than the pplication for patent or	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and hav or of any PCT international a Prior Foreign Application	PCT international appearance of PCT international appearance o	pplication ow, by che	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date	e country other than the pplication for patent or on which priority is cla	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and hav or of any PCT international a Prior Foreign Application	PCT international a ve also identified belo pplication having a fi	pplication ow, by che	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date	e country other than the pplication for patent or on which priority is cla	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and hav or of any PCT international a Prior Foreign Application	PCT international a ve also identified belo pplication having a fi	pplication ow, by che	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date	e country other than the pplication for patent or on which priority is cla	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and hav or of any PCT international a Prior Foreign Application	PCT international a ve also identified belo pplication having a fi	pplication ow, by che	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date	e country other than the pplication for patent or on which priority is cla	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and have or of any PCT international a Prior Foreign Application Number(s)	PCT international a ve also identified belo pplication having a fi Country	pplication ow, by che iling date b	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and have or of any PCT international a Prior Foreign Application Number(s)	PCT international a ve also identified belo pplication having a fi Country	pplication ow, by che iling date b	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date (MM/DD/YYYY) cmental priority data sheet PTO/	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur SB/02B attached hereto.	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and have or of any PCT international and Prior Foreign Application Number(s) Additional foreign application	PCT international a ve also identified belo pplication having a fi Country	pplication ow, by checkiling date be also be also be also be a supple on a supple by United Sta	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date (MM/DD/YYYY)	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur (SB/02B attached hereto.	e United States of inventor's certificate(s), imed. Priority Claimed?							
certificate(s), or 365(a) of any America, listed below and have or of any PCT international at Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under	PCT international a ve also identified belo pplication having a fi Country ation numbers are listed 35 U.S.C. 119(e) of an	pplication ow, by checkiling date be also be also be also be a supple on a supple by United Sta	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date (MM/DD/YYYY) mental priority data sheet PTO ates provisional application(s) leftiling Date (MM/DD/YYYY)	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur (SB/02B attached hereto.	e United States of inventor's certificate(s), simed. Priority Claimed? YES NO							
certificate(s), or 365(a) of any America, listed below and has or of any PCT international a Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under	PCT international a ve also identified belo pplication having a fi Country ation numbers are listed 35 U.S.C. 119(e) of an	pplication ow, by check the state of the sta	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date (MM/DD/YYYY) mental priority data sheet PTO ates provisional application(s) leftiling Date (MM/DD/YYYY)	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur SB/02B attached hereto. isted below.	e United States of inventor's certificate(s), simed. Priority Claimed? YES NO							
certificate(s), or 365(a) of any America, listed below and has or of any PCT international a Prior Foreign Application Number(s) Additional foreign application I hereby claim the benefit under	PCT international a ve also identified belo pplication having a fi Country ation numbers are listed 35 U.S.C. 119(e) of an	pplication ow, by check the state of the sta	which designated at least on cking the box, any foreign a sefore that of the application Foreign Filing Date (MM/DD/YYYY) mental priority data sheet PTO ates provisional application(s) leftiling Date (MM/DD/YYYY)	e country other than the pplication for patent or on which priority is cla Attorney Docket Nur SB/02B attached hereto. isted below.	e United States of inventor's certificate(s), simed. Priority Claimed? YES NO							

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

designating t is not disclos 35 U.S.C. 11 37 CFR 1.56	he Unit sed in th 2, I ack which	ed States on te prior Un nowledge to became av	ited States the duty to	listed or PC discle	d below CT inter ose info	and, insomational a	far as applica cnown	the su tion i to me	ubjec in the e to b	t matter manner e mater	of each of provided ial to pate	f the cl by the ntabili	aims o first p ty as de	f this a aragra efined	applicati aph of in	on
date of this a	U.S. Pare	nt Applicatio		rent					Filing				Parent			
		Application N	umber			_	(1	MM/D	D/YY	YY)			(if	applical	ole)	
									_							
Addition	al U.S. o	or PCT inter	national app	olicatio	on numb	ers are list	ed on a	suppl	lemen	tal priorit	y data shee	et PTO/	SB/02B	attach	ed hereto).
As a named in following regi connected the	stered pr		to prosecut	e this	applicat		transac	t all b	usines	s in the l						
OR Registered practitioner(s) named below																
	Nan	ne			Registi Nun					N:	me				Registra Numb	
Alysia A. Finne	gan			48,87	78		Joa	nne l	M. Gi	iesser				32,83		
						· · · · · · · · · · · · · · · · · · ·										
Direct all cor	respond	dence to:	X Custon	ner N	umber	000	210									
Name	Alysia .	A. Finnega	n													
Address	Merck	& Co., Inc.	- Patent I	epart	ment											
Address	P.O. Bo	ox 2000, I	RY60-30													
City	Rahwa	у					State	e]	NJ		ZIP	07065-0907				
Country	USA				Tele	phone (732)59	4-25	83		Fax		(732)594-4720			
I hereby decl belief are bel the like so m may jeopardi	lieved to ade are	be true; a punishable	nd further by fine or	that th	nese sta isonme	ntements v	vere m	ade wer 18	vith th	he know	ledge that	willfu	l false	statem	ents and	d
Name of Sole o	r First	Inventor:						A pe	etitio	n has be	en filed fo	r this	unsigne	ed inve	entor	
	ven Na	me (first	and midd	e [if	any])					F	amily Na	ame o	Surn	ame		
Janine T. Inventor's							Bry	/an				Τ				
Signature											Date					
Residence: City	Furl	ong			State	PA	C	Coun	try	US		Citiz	enshij	US		
Mailing Address		Merck Re	search Lab	orato	ries, Su	ımneytow	n Pike	, P.O.	. Box	4						
City		West Poin	it				Sta	te P	'A	ZIP	19486		Cou	ntry	U.S.A.	
X Additional	invento	rs are being	named on t	he <u>l</u>	supp	lemental A	ddition	al Inv	entors	s(s) sheet	(s) PTO/SE	3/02A	or 02LR	attach	ed hereto	D

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Addition		A petition has been filed for this unsigned inventor												
Give	n Na	ame (first and middle [if	any])			\top	Family Name or Surname							
Michelle K.				_		Bı	Brownlow							
Inventor's Signature							Date							
Residence: City	Jam	ison	State	PA			Count	ry [us		Citizenship		Us	
Mailing Address		Merck Research Laborate	ories, Su	mne	ytown	Pike, P.O. Box 4								
City			State	PA	\ 	ZI	P 1948	6		Countr	y U	S.A.		
		oint Inventor, if any:		_		A petition has been filed for this unsigned inventor								
Give	n Na	me (first and middle [if	any])			\perp			Fa	mily N	ame o	r Surnar	ne	
Loren D.						Sc	hultz				, .			
Inventor's Signature							Date							
Residence: City	Harl	Harleysville State PA Country US									Citiz	zenship	US	
Mailing Address		Merck Research Laborato	ries, Su	mne	ytown	Pike	e, P.O. I	3ox 4						
City		West Point	State PA			PA		ZIP 19486				Countr	y U	.S.A.
		oint Inventor, if any:	A petition has been filed for this unsigned inventor											
	n Na	me (first and middle [if	any])			4_			Fa	mily N	ame o	r Surnan	ne	
Kathrin U.				Jansen										
Inventor's Signature		E4. 2	<u> </u>	-			_			Date	15 January 20 7			
Residence: City	Poy	اا في المادة	State	PA	Sales P	10	Counti 7	ry U	S			zenship		
Mailing Address		Merck Research Laborato	ries, Su	mne	ytown	Pike	, P.O. I	30x 4						
City		West Point	···-			Stat	te PA		ZIP 1	9486		Countr	y U	.S.A.
		oint Inventor, if any:					A pe	tition	has bee	en filed f	or this	unsigne	l inve	ntor
Give	n Na	me (first and middle [if	any])			4_			Fa	mily Na	ime o	r Surnan	ne	
	_													
Inventor's Signature										Date				
Residence: City			State				Countr	у			Citiz	enship		
Mailing Address														
City					:	Stat	e		ZIP		Cou	ntry		